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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,235	01/28/2004	Ozgur C. Leonard	15437-0599	4768
45657 7590 07/25/2008 HICKMAN PALERMO TRUONG & BECKER, LLP AND SUN MICROSYSTEMS, INC. 2055 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110-1089				
EXAMINER				
TO, BAOQUOC N				
ART UNIT		PAPER NUMBER		
2162				
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07/25/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/767,235

**Applicant(s)**

LEONARD ET AL.

**Examiner**

BAOQUOC N. TO

**Art Unit**

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 April 2008.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-36 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-36 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SF/ICE)  
Paper No(s)/Mail Date 04/23/2008  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1-36 are presented for examination.

#### ***Information Disclosure Statement***

2. The information disclosure statement (IDS) submitted on 04/23/2008. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

#### ***Specification***

3. The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: machine-readable storage medium.

#### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1, 13 and 215 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-36 are rejected under 35 U.S.C. 102(e) as being anticipated by Tucker et al. (US. Publication No.2005/021788 A1).

The applied reference has a common Assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

As to claim 1, Tucker discloses a machine-implemented method, comprising: creating, by an operating system, a plurality of non-global operating system partitions within a global operating system environment provided by the operating system, wherein each non-global operating system partitioned partition serves to isolate processes running within that non-global operating system partition from other non-global operating system partitions within the global operating system environment, wherein enforcement of boundaries between the non-global operating system partitions is carried out by the operating system, and wherein the plurality of non-global operating

system partitions comprises a particular non-global operating system partition (non-global zone) (paragraph 0027);

maintaining a file system for the particular non-global operating system partition, the file system comprising one or more mounts (mounts issued from within a non-global zone ...) (paragraph 0060);

receiving a request from a process running within the particular non-global operating system partition to view information for mounts (mounts issued from within a non-global zone ...display processes within that zone) (paragraph 0060);

determining that the process is running within the non-global partition (mounts issued from within a non-global zone ...display processes within that zone) (paragraph 0059); and

providing to the process information for only those mounts that are within the file system for the particular non-global partition operating system (mounts issued from within a non-global zone ...display processes within that zone) (paragraph 0060).

As to claim 2, Tucker discloses the method of claim 1, wherein the file system for the non-global partition is part of an overall file system maintained for the global operating system environment, and wherein the overall file system comprises one or more other mounts that are not within the file system for the non-global partition (mounts issued from within a non-global zone) (paragraph 0060).

As to claim 3, Tucker discloses the method of claim 1, wherein maintaining comprises: associating the one or more mounts with the non-global partition (mounts issued from within a non-global zone) (paragraph 0060).

As to claim 4, Tucker discloses the method of claim 3, wherein the non-global partition has a mount data tracking structure associated therewith, and wherein associating comprises: adding entries corresponding to the one or more mounts to the mount data tracking structure associated with the non-global partition (mounts issued form from within...) (paragraph 0060).

As to claim 5, Tucker discloses the method of claim 4, wherein the mount data tracking structure associated with the non-global partition comprises a linked list of mount entries (mounts issued form from within...) (paragraph 0060).

As to claim 6, Tucker discloses the method of claim 4, wherein providing comprises: accessing the mount data tracking structure associated with the non-global partition (zone patch) (paragraph 0043); and

determining, based upon the mount data tracking structure associated with the non-global partition, the one or more mounts within the file system for the non-global partition (mounts issued form from within...) (paragraph 0060).

As to claim 7, Tucker discloses the method of claim 1, wherein the file system for the non-global partition has a root directory, and wherein providing comprises: determining which mounts are within the file system for the non-global partition by determining which mounts are under the root directory (root directory) (paragraph 0043), or a subdirectory thereof.

As to claim 8, Tucker discloses the method of claim 1, wherein maintaining comprises: establishing a root directory for the file system, and establishing the one or

more mounts under the root directory (root directory) (paragraph 0043), or a subdirectory thereof.

As to claim 9, Tucker discloses the method of claim 1, wherein creating comprises assigning a unique identifier to the non-global partition (Zone A, Zone B) (Paragraph 0059).

As to claim 10, Tucker discloses the method of claim 9, wherein determining comprises: extracting, from a data structure associated with the process, a partition identifier (zone identifier) (paragraph 0032); and

using the partition identifier to determine the non-global partition (zone identifier) (paragraph 0032).

As to claim 11, Tucker discloses the method of claim 1, wherein the file system for the non-global partition has a root directory, and wherein providing comprises: indicating to the process that the root directory is one of the one or more mounts (root directory) (paragraph 0043).

As to claim 12, Tucker discloses the method of claim 1, wherein the file system for the non-global partition has a root directory (root directory 290(a)) (paragraph 0054), wherein the root directory has an associated path, wherein each of the one or more mounts is under the root directory, or a subdirectory thereof, and wherein providing comprises: showing, to the process, each of the one or mounts without including the path to the root directory (display process...) (paragraph 0060).

Claim 13 is rejected under the same reason as to claim 1, discloses an apparatus (computer 500) (paragraph 0079).

Claim 14 is rejected under the same reason as to claim 2.

Claim 15 is rejected under the same reason as to claim 3.

Claim 16 is rejected under the same reason as to claim 4.

Claim 17 is rejected under the same reason as to claim 5.

Claim 14 is rejected under the same reason as to claim 2.

Claim 15 is rejected under the same reason as to claim 3.

Claim 16 is rejected under the same reason as to claim 4.

Claim 17 is rejected under the same reason as to claim 5.

Claim 18 is rejected under the same reason as to claim 6.

Claim 19 is rejected under the same reason as to claim 7.

Claim 20 is rejected under the same reason as to claim 8.

Claim 21 is rejected under the same reason as to claim 9.

Claim 22 is rejected under the same reason as to claim 10.

Claim 23 is rejected under the same reason as to claim 11.

Claim 24 is rejected under the same reason as to claim 12.

Claim 25 is rejected under the same reason as to claim, further Tucker also discloses a machine-readable medium (main memory) (paragraph 0079).

Claim 26 is rejected under the same reason as to claim 2.

Claim 27 is rejected under the same reason as to claim 3.

Claim 28 is rejected under the same reason as to claim 4.

Claim 29 is rejected under the same reason as to claim 5.

Claim 30 is rejected under the same reason as to claim 6.



Claim 31 is rejected under the same reason as to claim 7.

Claim 32 is rejected under the same reason as to claim 8.

Claim 33 is rejected under the same reason as to claim 9.

Claim 34 is rejected under the same reason as to claim 10.

Claim 35 is rejected under the same reason as to claim 11.

Claim 36 is rejected under the same reason as to claim 12.

### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

**Contact Information**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041, or unofficial fax number for the purpose of discussion (571) 273-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) 273-8300 [Official Communication]

/Baoquoc N To/  
Examiner, Art Unit 2162  
07/18/2008

/John Breene/  
Supervisory Patent Examiner, Art Unit 2162